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Docket No. TGZ-030  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
John R. Gilbert *et al.*

Application No. 10/816,514

Confirmation No. 9911

Filed: March 31, 2004

Art Unit: 1723

For: IMPLEMENTATION OF MICROFLUIDIC  
COMPONENTS, INCLUDING MOLECULAR  
FRACTIONATION DEVICES, IN A  
MICROFLUIDIC SYSTEM

Examiner: K. S. Menon

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated September 29, 2005 (Paper No. 0905), please amend the above-identified U.S. patent application as follows:

**Amendments to the Drawings** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 13 of this paper.